

### Abstract

This invention relates to a novel transporter polypeptide, a DNA encoding this polypeptide, a vector containing this DNA, a transformant harboring this vector and a method for producing the transporter polypeptide. The present invention also relates to an antibody specifically reacting with the polypeptide, a microorganism, an animal cell or an animal producing this antibody, a method for searching a compound having a ligand activity using the polypeptide, a part thereof or a microorganism, an animal cell or the like with the expression of the same and a method for searching a compound regulating the expression of the gene of the polypeptide using cells.